

Proposed PHASE II REPORTS

The Phase II evaluations will be summarized in two companion reports:

- **The Phase II Summary Report;** (a brief 25+ page report to highlight the Phase II process and results). An interim draft of this report will be prepared prior to selection of a draft preferred alternative.
- **The Phase II Report;** (a 200+ page report that details the strategies, process, and results with emphasis on packaging all information necessary to describe how CALFED agencies identified the alternative with technical resources management advantages and associated concerns. Supporting attachments of 400 to 500+ pages will provide more detail.)

These will be stand-alone reports for those interested in reviewing the process. The **Phase II Report** will also be included as an appendix to the programmatic EIS/EIR. Summaries of this information will be included in chapter 2.4 and chapter 4 of the EIS/EIR. The draft annotated outline of the **Phase II Report** is shown on the following pages.

Outline

Phase II Report

(Detailed report to document the Phase II process and results leading to the alternative with the technical resource management advantages and issues of concern; include a binder of appropriate attachments. Each major chapter begins with a brief paragraph summary of the chapter results followed by more detailed sections if reader is interested. Use text boxes as insets to address some sidebar issues.)

Sidebar
issues

Estimated
Number of
Pages

PERSPECTIVE

5

(executive summary providing context and results of Phase II and which alternative appears to have technical resource management advantages over the other alternatives)

I. PROGRAM OVERVIEW (may prefer "INTRODUCTION"?) (brief summary of Program and progress from Phase I through Phase II)

Purpose of this Report (provide context how this report relates to remainder of EIR/EIS; evaluations are programmatic in nature not project level; brief text with figure showing tier of all EIR/EIS appendices and main report)

2

Bay-Delta Significance (overview of why the Bay-Delta is important)

3

Program Organization (Accord, 10 original agencies expanded to 16, BDAC, Policy Group, workgroups, etc. show simple organizational chart)

1

Program Schedule (simple chart with Phase I, II, and III with text showing more focus on remaining Phase II schedule)

1

Review of Phase I (Mission, problems, objectives, geographic scope, solution principles, 4 programs similar in all alternatives, and brief description of 3 alternatives entering Phase II)

4

Phase II Accomplishments (briefly describe process leading to 17 alt. variations to bracket the range, 2 step narrowing process and elimination of 5 variations, results of detailed evaluations [chart or brief narrative of distinguishing characteristics summary], identification of 3 refined alts. on path to alternative with technical resource management advantages, tradeoffs, key issues; this section would not provide all details but would be highlights only) 3

Phase II Public Outreach and Public Input 1
(brief summary to show types of opportunities for public)

Next Steps in Phase II (briefly how move from Draft EIS/EIR to final) 1

II. FUNDAMENTAL PROGRAM CONCEPTS

(Strategies, policies, etc. that guided development and analysis of all alternatives; based on a resource management strategy considering whole ecosystem approach, time value of water, water management approach, etc. and need to assemble alternatives to meet objectives in all 4 resource areas)

Interrelationships (Bay-Delta problems and solutions are related; acknowledge conflicts and underlying interests/concerns; show diagram of overlapping circles of the 4 resource areas; extract "best" statements from original problem/objective writeups) 5

Time Value of Water (wide variability in system flows so can't rely on averages; show Delta outflow for full period of record and highlight peak flow and low flow; can shift water from wetter periods to drier, but need to maintain some variability, shifting diversions in time and manner; show hydrograph examples with critical dry/average/wet periods;) 5

Water Management Approach (how surface water banking, groundwater banking, watershed management, conveyance improvements, water use efficiency, and water transfers all fit together to reduce conflict along with help from levees program, water quality program, and ecosystem plan) 10

Adaptive Management (must monitor progress and adjust, etc.) 4

Others (include at least a paragraph on other strategies/policies/assumptions guiding development of the Program)

7

Area-of-Origin
Conjunctive Use/Surface Storage
North Delta Flood Improvements
Etc.

III. PROGRAM ELEMENTS

16

(Begin with overview that all elements fit together in integrated fashion; then provide brief summary of each [2-3 pages] with performances and linkages; sell that they all fit together when assembled into alternatives; *include process for arriving at final programs, size of storage, size of conveyance, operating criteria including need for public input*)

Water Quality Program (when included in an alternative, better quality for environment, etc.)

Ecosystem Restoration Program Plan (when included in an alternative conditions much better for fish, reduce conflicts, etc.)

Water Use Efficiency Program (etc.)

Levee System Protection Plan (etc.)

Watershed Coordination Plan (etc.)

Water Transfers Plan (etc.)

Storage (etc.; storage benefits by area)

Conveyance (etc.)

Optional Program Elements (connect South Delta islands or other areas to Delta conveyance canal in Alt. 3, extend TC Canal, etc.)

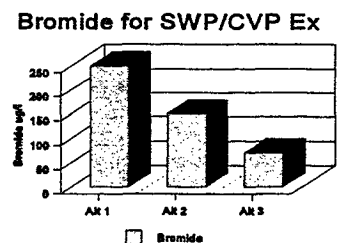
IV. ALTERNATIVES

Phase I Alternatives (brief summary of the 3 Phase I alts.) 2

12 Alternative Variations for EIS/EIR (brief summary including the chart showing major portions of each; briefly describe the process used from the 17 to eliminate 5;) 8

Looking for the Best Alternatives (show process to refine alternatives that are the best for alternatives 1, 2, and 3; used distinguishing characteristics to identify where alternatives perform particularly well and include resolution of key issues; i.e why we need storage with all alternatives) 4

V. REFINED ALTERNATIVES (detail of each with strengths and weaknesses; include charts/tables to summarize analyses; this chapter is intended to provide the basic facts, i.e. what are the bromide levels for export for each alternative? ; *the next chapter provides information on what the reduced bromide level does for the alternatives*)



Refined Existing System Conveyance Alternative (Alt. 1) 15

- **Description**
- **Performance/Advantages** (how well address interests/concerns identified in "Interrelationships" above)
- **Associated Concerns** (remaining issues)

Refined Modified Though Delta Conveyance Alternative (Alt.2) 15

- **Description**
- **Performance/Advantages** (how well address interests/concerns identified in "Interrelationships" above)
- **Associated Concerns** (remaining issues)

- **Description**
- **Performance/Advantages** (how well address interests/concerns identified in "Interrelationships" above)
- **Associated Concerns** (remaining issues)

Observations (conclude with what appear to be the highest leverage distinguishing characteristics; diversion effects, and export water quality; surface storage in all refined alternatives and introduce concept of alternative with technical resource management advantages)

1

VI. MOVING TOWARDS A PREFERRED ALTERNATIVE

40

(expand detail in Chapter V by reinforcing detailed advantages and acknowledge concerns; *i.e. this is where we would show what the bromide levels mean with maps of export areas, etc. and other details that help identify the alternative with technical resource management advantages*)

Export Water Quality (export water quality proves to be a key issue in the performance of the alternatives; example of text, *Implications for Drinking Water*, attached to this outline. In showing which alternative(s) performs well for water quality also provide information on what other actions [and resultant consequences] would be required to obtain similar results.)

Reduced Diversion Effects on Fisheries (diversion effects proves to be a key issue in the performance the alternatives; example of text, *Analysis of the Impacts of CALFED Alternatives on Fishery Resources*, attached to this outline. In showing which alternative(s) performs well for diversion effects, provide information what other actions [and resultant consequences] would be required to obtain similar results.)

Other Distinguishing Characteristics (include brief discussion of the other 8+ characteristics that show major performance differences between the alternatives; *i.e.* how well they reduce risk, etc.)

Associated Concerns (*i.e.* implementation must take place in a series of discrete linked steps)

Next Steps to a Draft Preferred Alternative (elaborate on process to decided on the Preferred Alternative)	1
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VII. IMPLEMENTATION STRATEGY

Financial Principles (include cost considerations with estimated costs for each alternative, need for phasing, and principles for allocating costs, etc.,)	9
Assurances (institutional package needed to make alternative implementable; incentives or regulatory?, environmental entity?)	8
Implementation Strategy Framework (how implementation plan for each program element will be developed; plus specific issues needing public input)	10
<ul style="list-style-type: none"> - Water Quality - ERPP (including transfers) - Water Use Efficiency - Watershed Coordination - Storage - Conveyance - Finance - Assurances 	
Category III (On-going progress to begin implementation of ecosystem elements of Program)	2
Other Continuing/Future Work Efforts	6
<ul style="list-style-type: none"> - Feasibility Studies (continue to refine details of Program) - ESA Compliance (HCP being prepared) - Phase III Site Specific Documentation (will tier off of the programmatic EIS/EIR) 	

<u>VIII. GLOSSARY OF TERMS</u>	6
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<u>INDEX</u> (to help reader find how key issues have been addressed)	=====
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Page Estimate	200
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Attachments (in binder to support Phase II Report; the report and the attachments can be used as a stand alone document of the Phase II process and can also be used as an appendix to the EIS/EIR; many items requiring more detailed explanation are already appendixes of the EIS/EIR, i.e. Water Quality Program Plan, Ecosystem Restoration Program Plan, etc.)

Estimated
Number
of Pages

A.	Two Step Decision Process	10
B.	Alternatives Eliminated During Narrowing Process	35
C.	Evaluation of 12 Alternative Variations Using Distinguishing Characteristics	130
D.	Alternative Improvement Process	100
E.	Executive Summary, EIS/EIR	30
F.	Program Objectives Evaluation	70
G.	Cost Summaries	30
H.	Category III and other Implementation	50

Page Estimate

450